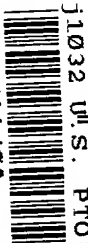


01/11/02



J1032 U.S. PTO

01-14-02

J1011 U.S. PTO

10/044358



01/11/02

**UTILITY PATENT APPLICATION TRANSMITTAL**  
 (Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. : 47322/PAN/C715/CLO161  
 Inventor(s) : John Wasserbauer, Ryan Likeke Naone, and Andrew William Jackson  
 Title : LOW THERMAL IMPEDANCE DBR FOR OPTOELECTRONIC DEVICES  
 Express Mail Label No. : EL 904792450US

**ADDRESS TO:** Assistant Commissioner for Patents  
 Box Patent Application  
 Washington, D.C. 20231

Date: January 11, 2002

1. ☒ **FEE TRANSMITTAL FORM** (Submit an original, and a duplicate for fee processing).

2. **IF A CONTINUING APPLICATION**

\_\_\_ This application is a of patent appli

Prior application information: Examiner, Group Art Unit:

☒ This application claims priority pursuant to 35 U.S.C. §119(e) and 37 CFR §1.78(a)(4), to provisional Application No. 60/262,021 filed January 16, 2001 and provisional Application No. 60/301,386 filed June 27, 2001.

3. **APPLICATION COMPRISED OF**

**Specification**

24 Specification, claims and Abstract (total pages)

**Drawings**

6 Sheets of formal drawing(s) (FIGS. 1 to 10)

**Declaration and Power of Attorney**

☒ Newly executed

\_\_\_ Unexecuted declaration

\_\_\_ Copy from a prior application (37 CFR 1.63(d))(for continuation and divisional)

4. \_\_\_ **Microfiche Computer Program** (Appendix)

5. \_\_\_ **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all necessary)

\_\_\_ Computer Readable Copy

\_\_\_ Paper Copy (identical to computer copy)

\_\_\_ Statement verifying identity of a copies

6. **APPLICANT(S) STATUS UNDER 37 CFR § 1**

☒ Applicant(s) and any others associated it/them under § 1.27(a) are a SMALL ENTITY

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.: 47322/PAN/C715/CLO161

**7. ALSO ENCLOSED ARE**

- ☐ Preliminary Amendment
  - ☐ Includes "Cross-Reference to Related Applications"
- ☐ A Petition for Extension of Time for the parent application and the required fee are enclosed
- ☒ An Assignment of the invention with the Recordation Cover Sheet and the recordation fee are enclosed
- ☐ This application is owned by pursuant to an Assignment recorded at Reel , Frame
- ☐ Information Disclosure Statement (IDS)/PTO-1449
  - ☐ Copies of IDS Citations
- ☐ Certified copy of Priority Document(s) (*if foreign priority is claimed*)
- ☐ English Translation Document (*if applicable*)
- ☒ Return Receipt Postcard (MPEP 503) (should be specifically itemized).
- ☒ Other: Request and Certification Under U.S.C. 122(b)(2)(B)(i)


**8. CORRESPONDENCE ADDRESS**

**CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, PASADENA, CA 91109-7068**  
Customer Number: 23363

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



Peter A. Nichols  
Reg. No. 47,822  
626/795-9900

PAN/cks

**FEE TRANSMITTAL  
UTILITY PATENT APPLICATION**

**DATE: January 11, 2002**

Docket No. : 47322/PAN/C715/CLO161  
Inventor(s) : John Wasserbauer, Ryan Likeke Naone, and Andrew William Jackson  
Title : LOW THERMAL IMPEDANCE DBR FOR OPTOELECTRONIC DEVICES

Duplicate X

**FEE DETERMINATION**

CLAIMS AS FILED					
	NUMBER FILED	NUMBER EXTRA	SMALL ENTITY RATE	LARGE ENTITY RATE	FEE
TOTAL CLAIMS	29 - 20	9	9 x \$9.00	x \$18.00	\$81.00
INDEPENDENT CLAIMS	2 - 3	0	0 x \$42.00	x \$84.00	\$0.00
MULTIPLE-DEPENDENT CLAIMS FEE			\$140.00	\$280.00	
BASIC FEE			\$370.00	\$740.00	\$370.00
TOTAL FILING FEE					\$451.00
List Independent Claims: 1 and 16					

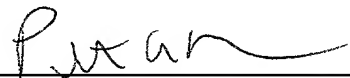
**METHOD OF PAYMENT**

X Payment Enclosed: Check for \$451

X The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the **entire pendency** of the application to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A duplicate copy of this sheet is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

Peter A. Nichols  
Reg. No. 47,822  
626/795-9900

PAN/cks

CKS PAS407687.1\*-1/11/02 1:49 PM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EL904792450US

Applicant : John Wasserbauer et al.  
Filed : Herewith  
Title : LOW THERMAL IMPEDANCE DBR FOR  
OPTOELECTRONIC DEVICES  
Docket No. : 47322/PAN/C715/CLO161

REQUEST AND CERTIFICATION  
UNDER 35 U.S.C. 122(b)(2)(B)(i)

Assistant Commissioner for Patents  
Washington, D.C. 20231

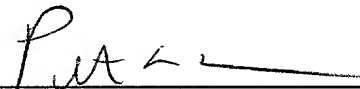
Post Office Box 7068  
Pasadena, CA 91109-7068  
January 11, 2002

Commissioner:

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
Peter A. Nichols  
Reg. No. 47,822  
626/795-9900